

## Imperforate Ebstein's anomaly of the tricuspid valve

Sir:

In the case report by Gerlis and Anderson (*British Heart Journal*, 1976, **38**, 108), the authors are not correct in saying that there is no previous description of imperforate Ebstein's anomaly of the tricuspid valve. In 1973, we reported a case of Ebstein's malformation of the tricuspid valve with complete obstruction to the tricuspid valve orifice, i.e. atresia (Rao *et al.*, 1973). The associated lesion was a ventricular septal defect. In this report we presented clinical, catheterization, angiographic, and pathological data of this case and discussed the differentiation of this anomaly from the usual cases of tricuspid atresia as well as the surgical implications. We also noted that Van Praagh, Ando, and Dungan (1971), Miller (1971), and Lev *et al.* (1970) had previously mentioned similar cases. Therefore, I believe that imperforate Ebstein's anomaly of the tricuspid valve is adequately described and documented.

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### References

- Lev, M., Liberthson, R. R., Joseph, R. H., Seten, C. E., Kunske, R. D., Eckner, F. A. O., and Miller, R. A. (1970). The pathologic anatomy of Ebstein's disease. *Archives of Pathology*, **90**, 334.
- Miller, R. A. (1971). Discussion of paper by Van Praagh *et al.* (1971). *Circulation*, **44**, Suppl. 2, 115.
- Rao, P. S., Jue, K. L., Isabel-Jones, J., and Ruttenberg, H. D. (1973). Ebstein's malformation of the tricuspid valve with atresia: differentiation from isolated tricuspid atresia. *American Journal of Cardiology*, **32**, 1004.
- Van Praagh, R., Ando, M., and Dungan, W. T. (1971). Anatomic types of tricuspid atresia: clinical and developmental implications (abstract). *Circulation*, **44**, Suppl. 2, 115.

This letter was shown to the authors who reply as follows:

Sir:

We thank Dr. Rao for his comments and particularly for bringing to our attention the earlier descriptions of imperforate Ebstein's anomaly of the tricuspid valve.

He is completely correct and we regret our oversight.

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